



# 9024 DC VEHICULAR SLIDE GATE OPERATOR

• RESIDENTIAL • COMMERCIAL



- Operator is 24 Volt DC and includes built-in battery backup
- 115/230 VAC (switch selectable) or 24 VDC Solar Power
- 1/2 HP Quadra Drive Heavy-duty DC Motor
- Adjustable limit nuts for precise gate limit control
- Easy to use manual T-handle release
- Heavy-duty gearbox
- 0.0 Amp SBPD Circuit (solar power only)
- Solar power ready
- Pad or post mount
- Heavy-duty steel frame
- 5-year limited warranty



**easy to use**  
"T-Handle" release



**quadra drive DC motor**  
for longer life



**battery backup**  
built-in (7.2 AH battery x2)

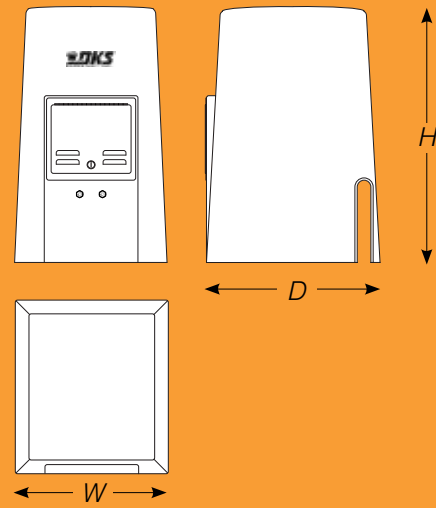


**full size gearbox**  
heavy-duty 30:1 ratio gearbox

# 9024 VEHICULAR SLIDE GATE OPERATOR

## 9024 1/2 HP Quadra Drive Motor

16.75" W x 28" H x 19" D (42.5cm W x 71cm H x 48.3cm D)



	CLASS OF OPERATION	MAX GATE LENGTH *	MAX GATE WEIGHT *	MOTOR	INPUT	MAXIMUM CYCLES
<b>9024-080</b>	I, II, III, IV	40 Ft (12.2 m)	1000 Lbs. (453.6 kg)	1/2HP Quadra Drive DC Motor	115 / 230 VAC 1.8 A / 0.9 A	Continuous with AC source 40 with 7.2 Ah backup battery power <sup>1,2</sup> 150 with 18 Ah backup battery power <sup>1,2</sup>
<b>9024-081</b> (requires solar power input)	I, II, III, IV	40 Ft (12.2 m)	1000 Lbs. (453.6 kg)	1/2HP Quadra Drive DC Motor	24 VDC 8.5 A	150+ <sup>1,2</sup> with DK solar kit, unknown with systems / batteries provided by others

<sup>1</sup> Assumes gate is on level ground, in good condition with properly adjusted hardware.

<sup>2</sup> Assumes a 16 foot gate weighing 1000 Lbs. Other external factors (temperature, charge state of batteries, gate weight, gate length, etc.) will affect the performance of the gate operator and may reduce the number of cycles shown.

## Technical Features

### Mechanical

Frame: 3/16 steel, corrosion protected

Cover: 1/4 inch polyethylene

Reduction: belt driven 30:1 gear reduction running in a continuous oil bath

Speed: Approximately 1 ft/sec (30.5 cm/sec)

Chain: Unit is shipped with 20-ft of #40 roller chain

Manual Release: "T-Handle" release is easily accessible from front of operator

Operator re-connects automatically when handle is released

### Options

Nickel or stainless steel chain

Steel base plate for post mounting

18 Ah batteries (AC powered operator only)

Solar Kit (Includes two 18 Ah batteries and 10 Watt, 24 VDC solar panel)

### Electrical

Adjustable partial open limit

Easy adjustable chain driven limit nuts

Auto-close timer 1-30 seconds

Selectable loop/reverse input function; stop or reverse

Anti-tailgating feature helps to control un-authorized traffic

Standard normally closed stop circuit

DC Power Shut-Off switch

Battery protection circuit

Ports for plug-in open and reverse loop detectors – DKS detectors only

Gate Tracker reporting output provides operator data to access control system (DKS 1833, 1835, 1837 or 1838 only)

#### AC Powered Operator Only

115 VAC Convenience outlets

AC Power Shut-Off switch

#### DC Powered Operator Only

0.0 Amp SBPD<sup>PatPend</sup> Circuit

### Miscellaneous

Environmental: -10°F to 140°F (23°C to 62°C)

Thermostatically controlled heater kit required for operation below freezing temperatures to prevent batteries from freezing. Heater kit can only be used with AC powered operators.

External entrapment/obstruction sensing devices must be used with this operator

Shipping weight approximately 130-150 Lbs (59-68 kg)  
Depending on model and options selected



Access Control Solutions since 1948

MEMBER:



**DOORKING®, INC.**

120 Glasgow Avenue, Inglewood, California 90301 U.S.A.  
Tel: 310-645-0023 FAX: 310-641-1586 www.doorking.com

© 2014 All Rights Reserved. Product specifications may change without notice.  
Rev.10/14

Distributed by: